

The **FUTURE** of America is the  
**RESEARCH** of **TODAY**



NATIONAL  
USER  
FACILITY  
ORGANIZATION

# NUFO: Past, Present & Future

## 2016 NUFO Annual Meeting

**Paul Runci**

NUFO Chair

National Ignition Facility

June 14, 2016



# Overview

- NUFO Past: Where have we come from?
- NUFO Present: Who are we? What do we do?
- “NUFO” Future: Quo Vadis?



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# NUFO Past

## NUFO Past: Highlights

- ~1993 first informal gatherings of user administrators (SSRL, NSLS)
- 1997 first formal meeting of user administrators to share best practices
- 2003 user representatives were included in meeting
- 2008 NUFO born, steering committee elected
- 2010 USA Science & Engineering Festival
- 2011 first annual Capitol Hill Science Expo





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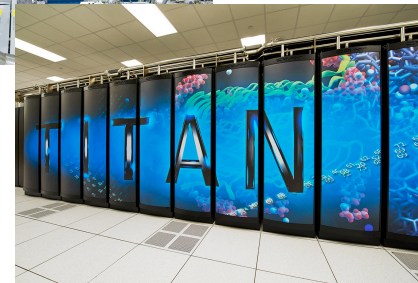


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# NUFO Present

# NUFO Present: Who we are

- Accelerators – 13
- X-ray sources – 7
- Nanocenters – 5
- Computation centers – 5
- Neutron sources – 4
- Lasers/fusion - 3
- Telescopes – 3
- Electron microscopes – 2
- Environment/climate – 2
- Reactors – 1
- Magnetism – 1
- Genomics – 1
- DOE, NSF, NIST, state-funded





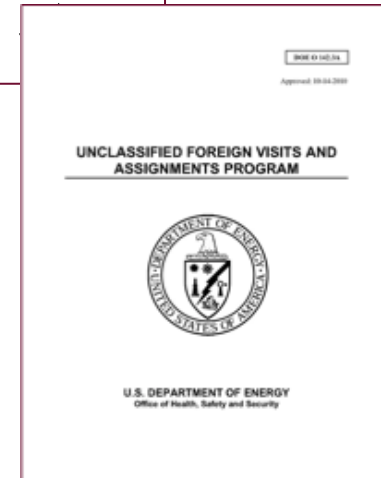
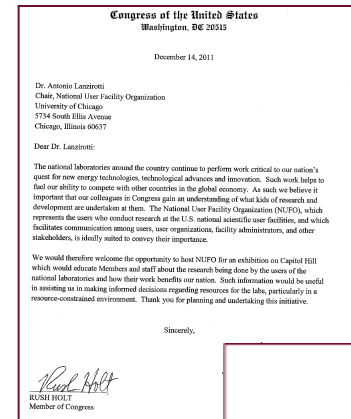
# NUFO Present: We are a “Community of Communities”

- Administrators
- Users
- User Committees
- Facility Managers
- Government Affairs
- Communications
- *Primarily, but not exclusively DOE*



# NUFO Present: A unified voice for user science

- Capitol Hill Science Expositions
- Congressional Testimony
- Formal reports (Industrial Usage, Educational Outreach, Benchmarking, etc.)
- Expert input to agencies



# NUFO Present:

## Who we are

### Operations Committee

- Jen Bohon (Case Western Reserve U)
- Kim Hallock (LLNL)
- Brant Johnson (emeritus, BNL)
- Brian Landes (Dow Chemical)
- Terry Law (PNNL)
- Susan Strasser (emerita, ANL)
- Amanda Thompson (Visa Genius, Inc.)
- Susan White-DePace (ANL)
- Beth Wurzburg (independent)



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# “NUFO” Future

## NUFO Future: THE Year of Transition

- NUFO will soon become the **Society for Science at User Research Facilities (SSURF)**
- SSURF will be a 501c3 non-profit corporation
- SSURF will be a member-oriented, professional society dedicated to all aspects of user facility research
- Institutional and individual membership categories with benefits

## SSURF's Mission

Advance the science performed at user research facilities by (1) supporting their professional communities and research networks through the sharing of best practices and facilitation of professional development, and (2) promoting public awareness about the benefits and significance of the facilities and their research.



# SSURF

## Executive Board

- Kawtar Hafidi (ANL)
- Jodi Muckelbauer (Bristol Myers Squibb)
- Paul Runci (PNNL, chair)
- Steve Wasserman (Eli Lilly)
- [Susan White-DePace (ANL, Chief Operations Officer)]

# NUFO Future: Why Incorporate?

## Practical Drivers

- Stakeholder encouragement
- Mission and opportunity
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  - Sponsor Congressional visits to facilities
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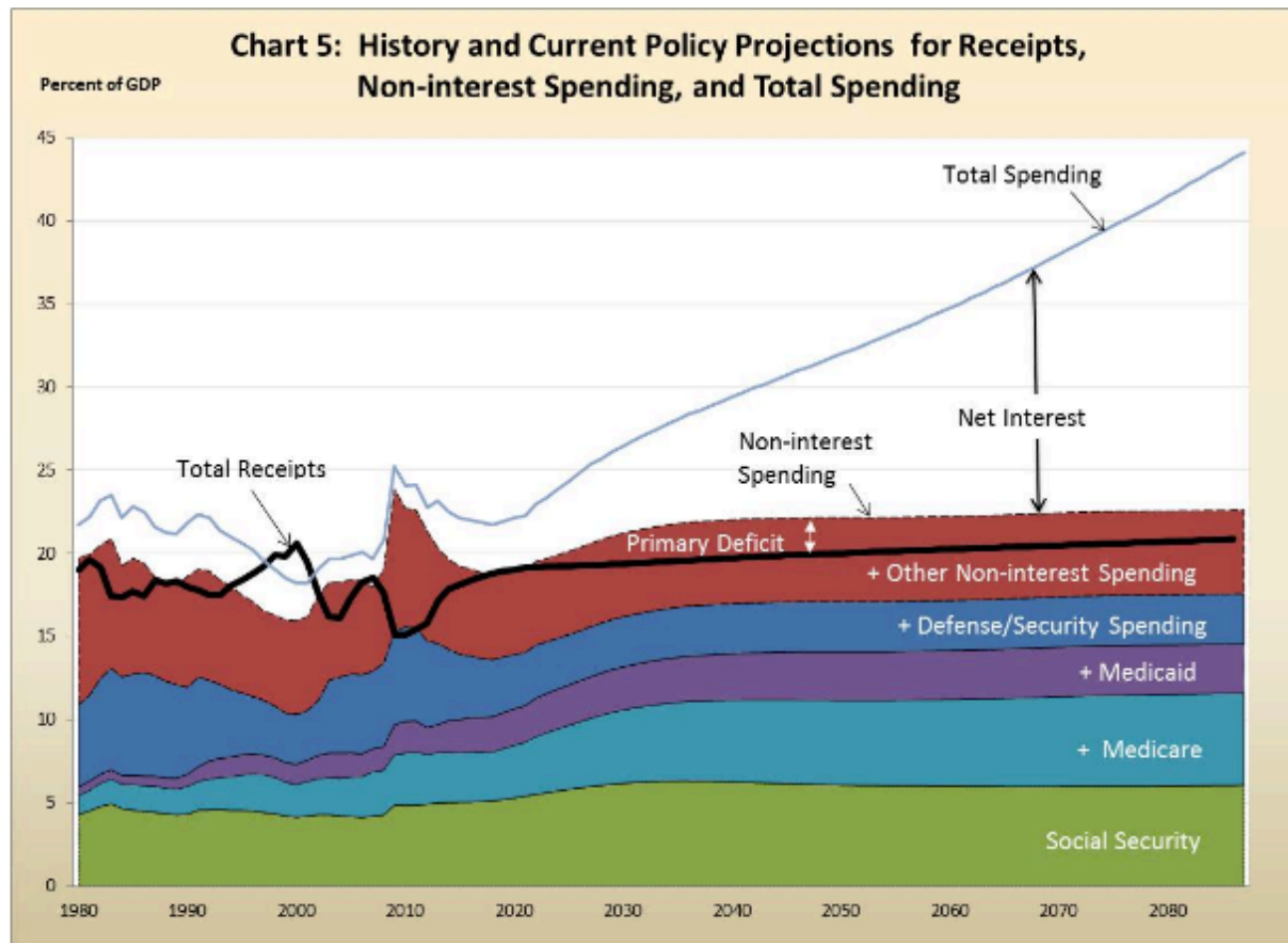
### NOTE:

- Participation will be allowable under FAR
- SSURF will NOT lobby.



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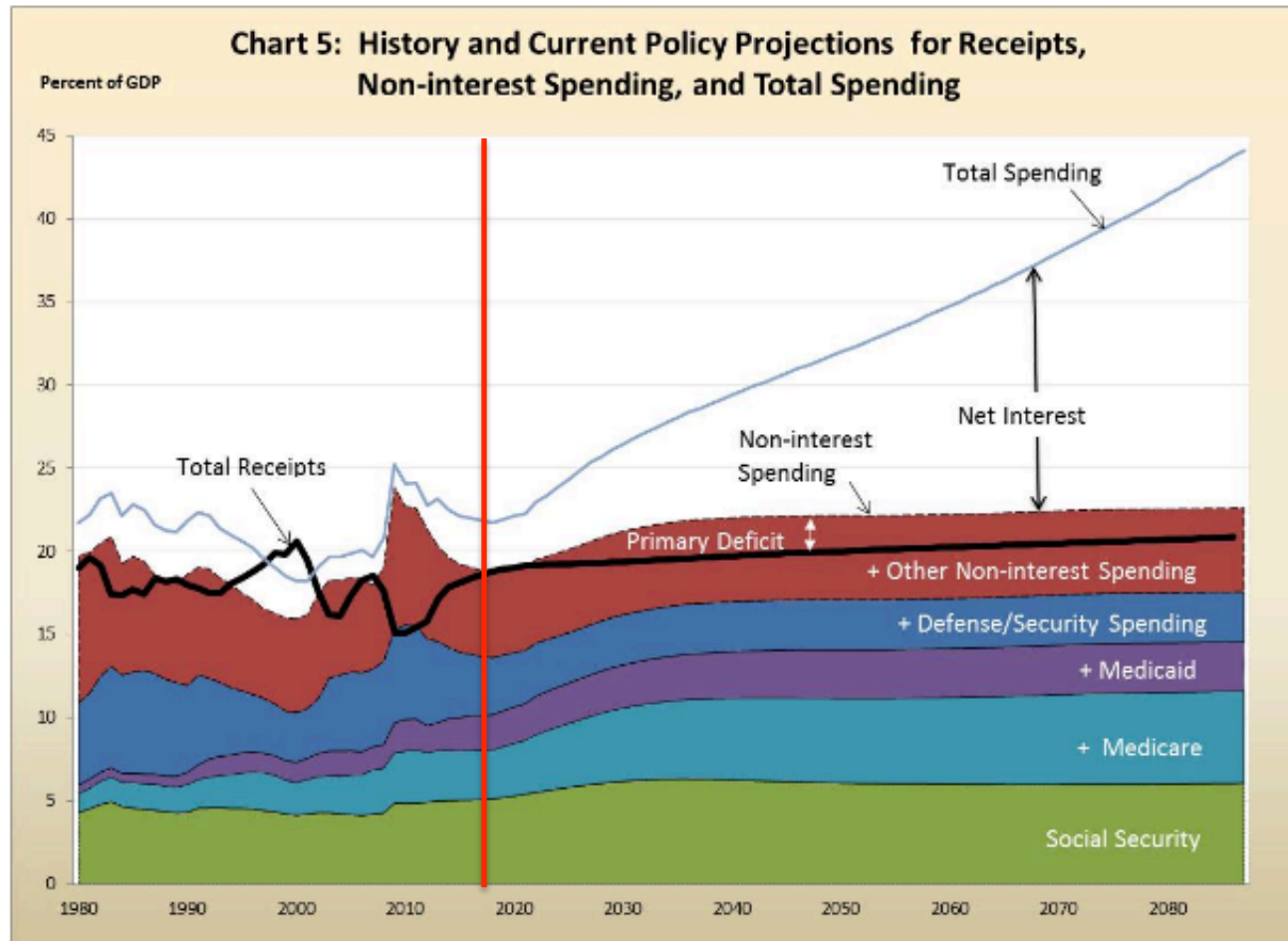
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Source: GAO Citizens' Guide 2012

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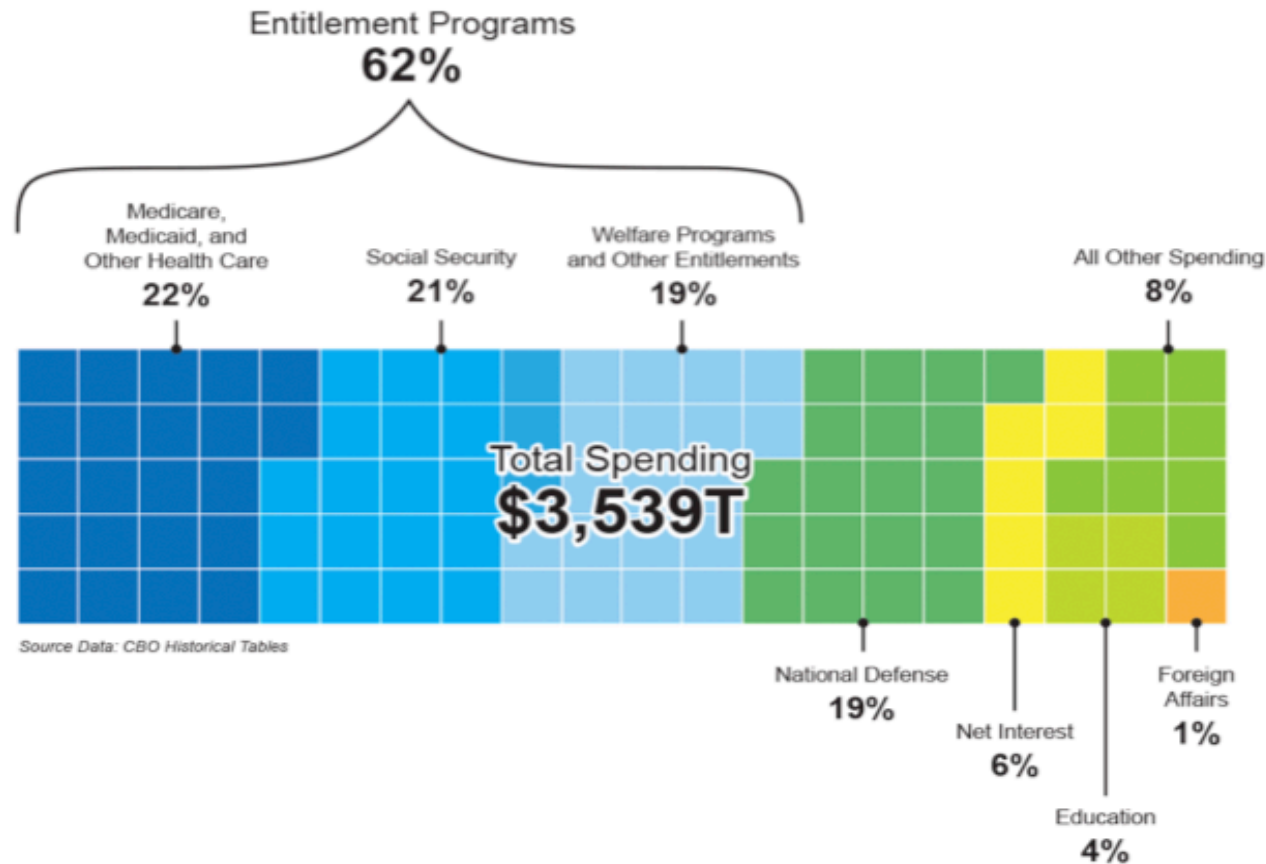
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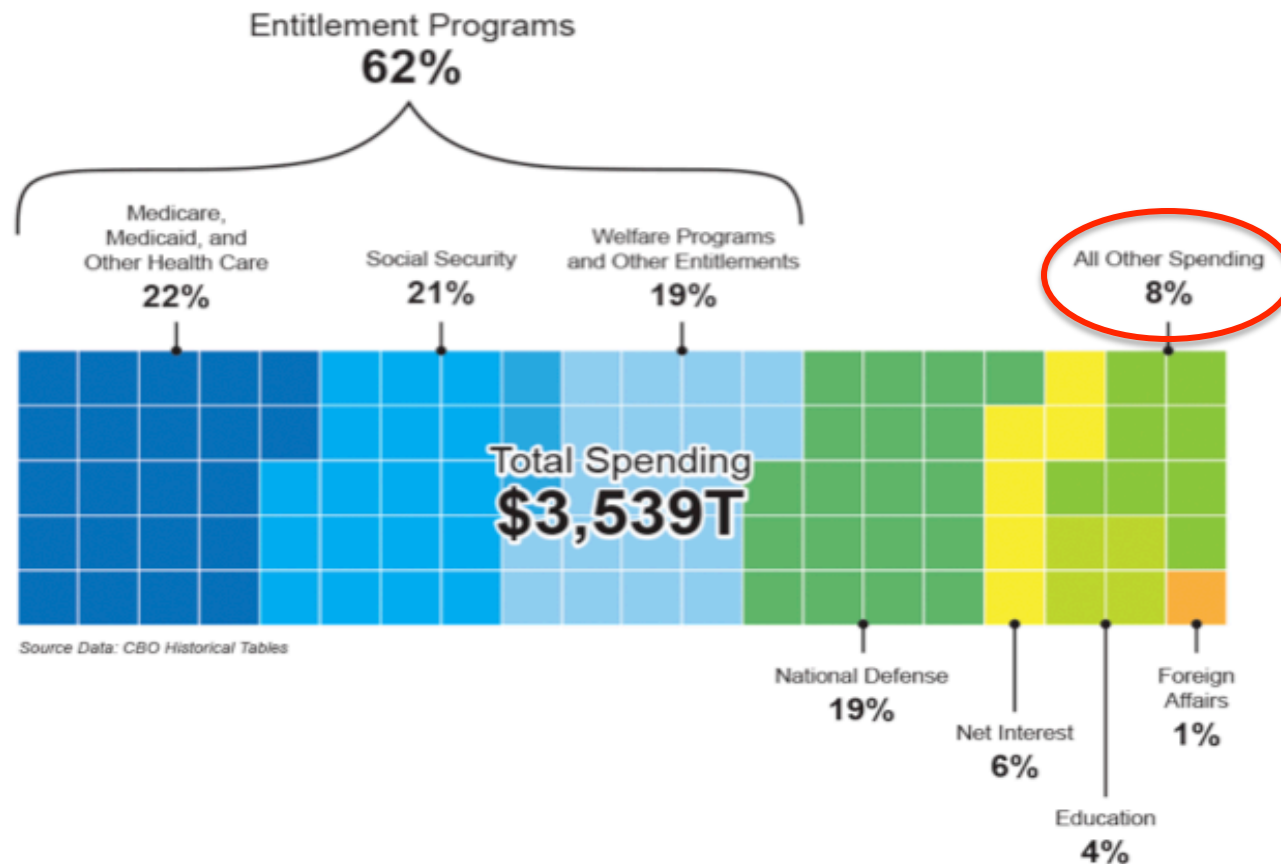
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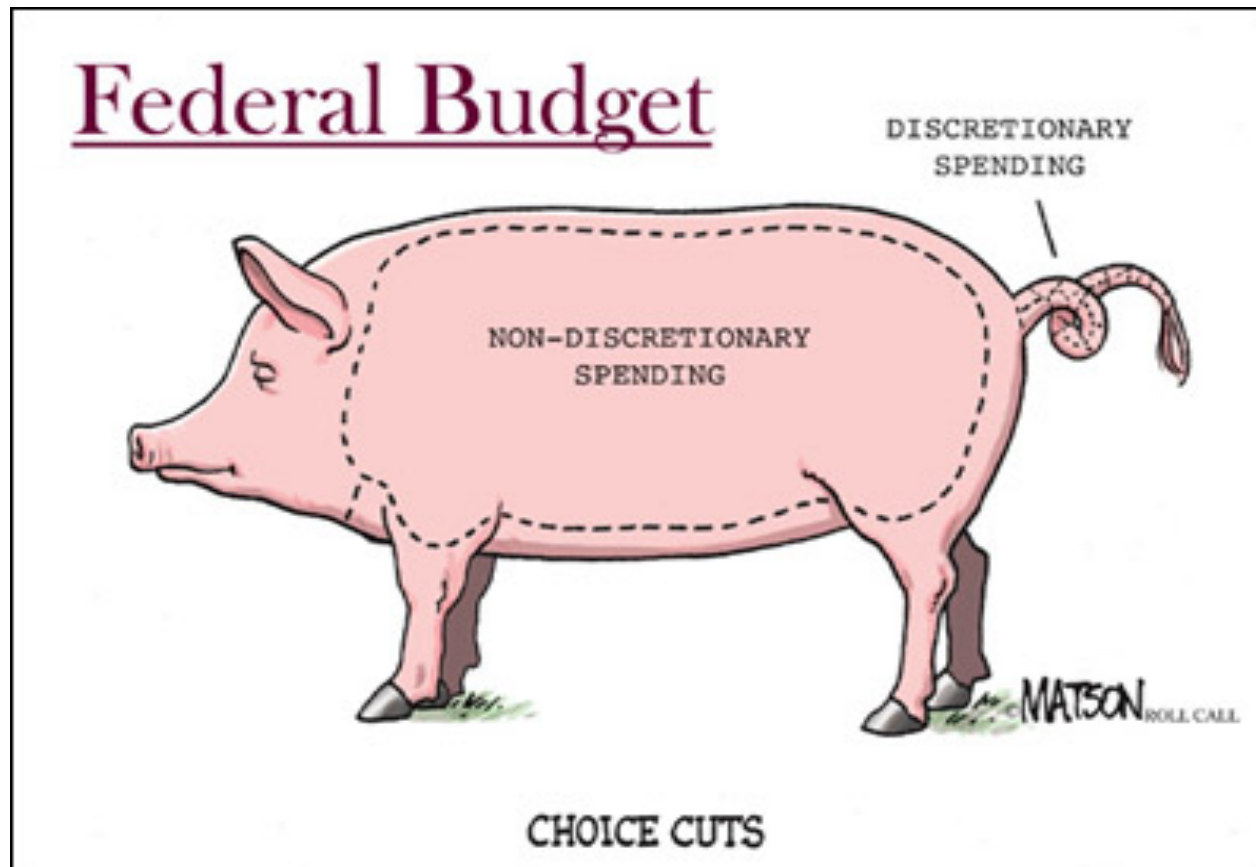
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## Macro Drivers



## In Sum

### The user science communities need:

- efficient operations as budget pressures grow
- a broad-based forum for benchmarking, sharing of best practices, discussion of common concerns
- an association for professional development
- a unified, compelling & independent voice
- a mechanism for sharing, communicating, showcasing user science



S·S·U·R·F

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Society for Science at  
User Research Facilities

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# Addendum

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  - Federated systems
  - Information management



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- How would you propose to implement changes to realize these opportunities?
- What resources would you need (e.g., staff, facility management, agency support, etc)?

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# Thank You

